

	(Co-)Spokespersons	Affiliation	Title of the experiment	Approval status (PAC recommendation)	Beamline	Status	From 2018 July
							New Leading referees
E03	K.Tanida	JAEA	Measurement of X rays from Ξ Atom	Stage 2	K1.8	In preparation	Thomas, Xu, Aoi, Kitano
P04	J.C.Peng; S.Sawada	U of Illinois at Urbana-Champaign; KEK	Measurement of High-Mass Dimuon Production at the 50-GeV Proton Synchrotron	Deferred	Primary		
E05	T.Nagae	Kyoto U	Spectroscopic Study of Ξ -Hypernucleus, ^{12}Be , via the $^{12}\text{C}(K^-, K^+)$ Reaction	Stage 2 New experiment E70 based on the S-2S spectrometer	K1.8	Finished	
E06	J.Imazato	KEK	Measurement of T-violating Transverse Muon Polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ Decays	E36 as the first step	K1.1BR		
E07	K.Imai, K.Nakazawa, H.Tamura	JAEA, Gifu U, Tohoku U	Systematic Study of Double Strangeness System with an Emulsion-counter Hybrid Method	Stage 2	K1.8	Finished Data analysis	Thomas, Itow, Pochodzalla
E08	A.Krutenkova	ITEP	Pion double charge exchange on oxygen at J-PARC	Stage 1	K1.8		
E10	A.Sakaguchi, T.Fukuda	Osaka U, Osaka EC U	Production of Neutron-Rich Lambda-Hypernuclei with the Double Charge-Exchange Reaction (Revised from Initial P10)	Stage 2	K1.8	Li run finished, Be target run with S-2S	
E11	T.Nakaya, M.Wascho	KEK	Tokai-to-Kamioka (T2K) Long Baseline Neutrino Oscillation Experimental Proposal	Stage 2	neutrino	Data taking	Itow, Kettell, Kitano, Luk
E13	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei	Stage 2	K1.8	Finished	
E14	T.Yamanaka	Osaka U	Proposal for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ Experiment at J-PARC	Stage 2	KL	Data taking	Adachi, Blanke, Kuze, Kettell, Kitano
E15	M.Iwasaki, T.Nagae	RIKEN, Kyoto U	A Search for deeply-bound kaonic nuclear states by in-flight $^3\text{He}(K^-, n)$ reaction	Stage 2	K1.8BR	Finished	Thomas, Xu, Aoi, Pochadzalla
E16	S.Yokkaichi	RIKEN	Measurements of spectral change of vector mesons in nuclei (previously "Electron pair spectrometer at the J-PARC 50-GeV PS to explore the chiral symmetry in QCD")	Stage 2 for Run 0	High p		Thomas, Adachi, Pochadzalla, Ohnishi
E17	R.Hayano, H.Outa	U Tokyo, RIKEN	Precision spectroscopy of Kaonic ^3He $3d \rightarrow 2p$ X-rays	Registered as E62 with an updated proposal	K1.8BR		
E18	H.Bhang, H.Outa, H.Park	SNU, RIKEN, KRISS	Coincidence Measurement of the Weak Decay of ^{12}C and the three-body weak interaction process	Stage 2	K1.8		
E19	M.Naruki	KEK	High-resolution Search for Θ^+ Pentaquark in $\pi^+ p \rightarrow K^+ X$ Reactions	Stage 2	K1.8	Finished	
E21	Y.Kuno	Osaka U	An Experimental Search for $\mu \rightarrow e$ Conversion at a Sensitivity of 10^{-16} with a Slow-Extracted Bunched Beam	Phase-I Stage 2 PAC recommends producing a more detailed schedule to ensure a timely start.	COMET		Adachi, Le Diberder, Harris, Kitano,
E22	S.Ajimura, A.Sakaguchi	Osaka U	Exclusive Study on the Lambda-N Weak Interaction in $A=4$ Lambda-Hypernuclei	Stage 1	K1.8		
T25	S.Mihara	KEK	Extinction Measurement of J-PARC Proton Beam at K1.8BR	Test Experiment (coordinated by JPNC)	K1.8BR	Finished	
E26	K.Ozawa	KEK	Search for ω -meson nuclear bound states in the $\pi^+ \rightarrow \pi^0 \gamma$ ($Z=1$) reaction, and for ω mass modification in the in-medium $\omega \rightarrow \pi^0 \gamma$ decay	Stage 1	K1.8		
E27	T.Nagae	Kyoto U	Search for a nuclear Kbar bound state $K^+ pp$ in the $d(\pi^+, K^+)$ reaction	Stage 2	K1.8	Finished	
E29	H.Ohnishi	RIKEN	Search for ϕ -meson nuclear bound states in the $pbar \rightarrow \Lambda^+ Z \rightarrow \phi + (\Lambda^+)(Z-1)$ reaction	Stage 1	K1.1		
E31	H.Noumi	Osaka U	Spectroscopic study of hyperon resonances below KN threshold via the $(K^+ n)$ reaction on Deuteron	Stage 2	K1.8BR	Finished Data analysis	
T32	A.Rubbia	ETH, Zurich	Towards a Long Baseline Neutrino and Nucleon Decay Experiment with a next-generation 100 kton Liquid Argon TPC	Test Experiment	K1.1BR	Finished	
P33	H.M.Shimizu	Nagoya U	Measurement of Neutron Electric Dipole Moment	Deferred	Linac		
E34	T. Mibe	KEK, RIKEN	An Experimental Proposal on a New Measurement of the Muon Anomalous Magnetic Moment g-2 and Electric Dipole Moment at J-PARC	Stage 2	MLF		Itow, Blanke, Le Diberder, Harris, Kettell, Kitano
E36	M.Kohl, S.Shimizu	Hampton U, Osaka U	Measurement of $\Gamma(K^+ \rightarrow e^+ \nu) / \Gamma(K^+ \rightarrow \mu^+ \nu)$ and Search for heavy sterile neutrinos using the TREK detector system	Stage 2	K1.1BR	Finished Data analysis	Blanke, Le Diberder, Kettell
E40	K.Mwa	Tohoku U	Measurement of the cross sections of Σp scatterings	Stage 2	K1.8	Data taking	Xu, Kettell, Kuze, Ohnishi
P41	M.Aoki	Osaka U	An Experimental Search for $\mu \rightarrow e$ Conversion in Nuclear Field at a Sensitivity of 10^{-14} with Pulsed Proton Beam from RCS	Deferred	MLF	Reviewed in MLF/MS	
E42	J.K.Ahn	Pusan National U	Search for H-Dibaryon with a Large Acceptance Hyperon Spectrometer	Stage 2 Run plan will be discussed in the next PAC	K1.8		Kuze, Ohnishi, Xu
E45	K.H.Hicks, H.Sako	Ohio U, JAEA	3-Body Hadronic Reactions for New Aspects of Baryon Spectroscopy	Stage 2 PAC requests that the group further examine ways to reduce the total beam time requested and to find an efficient running scheme, including quick but careful beam tuning.	K1.8		Thomas, Xu, Tamura, Kuze
T46	K.Ozawa	KEK	EDIT2013 beam test program	Test Experiment	K1.1BR	Abandoned	
T49	T.Maruyama	KEK	Test for 250L Liquid Argon TPC	Test Experiment	K1.1BR	Withdrawn	
E50	H.Noumi	Osaka U	Charmed Baryon Spectroscopy via the (πD^+) reaction	Stage 1 The FFC, IPNS, and E50 should investigate the beam-line feasibility	High p		
T51	S.Mihara	KEK	Research Proposal for COMET(E21) Calorimeter Prototype Beam Test	Test Experiment	K1.1BR	had to be stopped	
T52	Y.Sugimoto	KEK	Test of fine pixel CCDs for ILC vertex detector	Test Experiment	K1.1BR	not performed yet	
T53	D.Kawama	RIKEN	Test of GEM Tracker, Hadron Blind Detector and Lead-glass EMC for the J-PARC E16 experiment	Test Experiment	K1.1BR	not performed yet	
T54	K.Mwa	Tohoku U	Test experiment for a performance evaluation of a scattered proton detector system for the Σp scattering experiment E40	Test Experiment	K1.1BR	not performed yet	
T55	A.Toyoda	KEK	Second Test of Aerogel Cherenkov counter for the J-PARC E36 experiment	Test Experiment	K1.1BR	had to be stopped	
E56	T.Maruyama	KEK	A Search for Sterile Neutrino at J-PARC Materials and Life Science Experimental Facility	Stage 2 PAC recommends a timely assessment to keep safety and the overall physics goal of the experiment.	MLF		Blanke, Le Diberder, Kuze, Kettell, Kitano, Luk
E57	J.Zmeskal	Stefan Meyer Institute for Subatomic Physics	Measurement of the strong interaction induced shift and width of the 1s state of kaonic deuterium at J-PARC	Stage 1	K1.8BR	in preparation	Xu, Pochodzalla, Aoi, Ohnishi
P58	M.Yokoyama	U. Tokyo	A Long Baseline Neutrino Oscillation Experiment Using J-PARC Neutrino Beam and Hyper-Kamiokande	Deferred	neutrino		
T59	A.Mnamino	Kyoto U	A test experiment to measure neutrino cross sections using a 3D grid-like neutrino detector with a water target at the near detector hall of J-PARC neutrino beam-line	To be arranged by IPNS and KEK-T2K	neutrino monitor bld	Finished	
T60	T.Fukuda	Toho U	Proposal of an emulsion-based test experiment at J-PARC	Arranged by IPNS and KEK-T2K	neutrino monitor bld	Finished	
E61	M.Wilking	Stony Brook U	NuPRISM/TITUS	Stage 1 PAC encourages to refine the scientific and placement arguments in preparation for a new review committee for IWCD (one of near detectors of Hyper-Kamiokande)	neutrino		Harris, Kettell, Kitano, Adachi, Luk
E62	R.Hayano, S.Okada, H.Outa	U. Tokyo, RIKEN	Precision Spectroscopy of kaonic atom X-rays with TES	Stage 2	K1.8BR	Finished	
E63	H.Tamura	Tohoku U	Gamma-ray spectroscopy of light hypernuclei II	Stage 2	K1.1	BL not ready yet. Exp. in	
T64	Y.Koshio	Okayama U	Measurement of the gamma-ray and neutron background from the T2K neutrino/anti-neutrino at J-PARC B2 Hall	Arranged by IPNS and KEK-T2K	neutrino		
E65	T.Nakaya	Kyoto U	Proposal for T2K Extended Run	Stage 1	neutrino		Itow, Kettell, Kitano, Adachi, Luk
T66	T.Fukuda	Nagoya U	Proposal of an emulsion-based test experiment at J-PARC	Test Experiment	neutrino		
P67	I.Meigo	JAEA	Measurement of displacement cross section of proton in energy region between 3 and 30 GeV for high-intensity proton accelerator facility	Carry out the experiment within the framework of facility development	MR		
T68	T.Fukuda	Nagoya U	Extension of T60/T66 Experiment: Proposal for the Run from 2017 Autumn	Test Experiment	neutrino		
E69	A.Mnamino	Yokohama National U	Study of neutrino-nucleus interaction at around 1 GeV using cuboid lattice neutrino detector, WAGASHI, muon range detectors and magnetized spectrometer, Baby MIND, at J-PARC neutrino monitor hall	Stage 2	neutrino		Itow, Adachi, Harris, Kettell, Kitano
E70	T.Nagae	Kyoto U	Proposal for the next E05 run with the S-2S spectrometer	Stage-2	K1.8		Ohnishi, Pochodzalla, Aoi, Kuze
E71	T.Fukuda	Nagoya U	Proposal for precise measurement of neutrino-p-water cross-section in NINJA physics run	Stage-2	neutrino		Itow, Harris, Kettell, Kitano
E72	K.Tanida	JAEA	Search for a Narrow Λ^* Resonance using the $p(K^-, \Lambda)_n$ Reaction with the hypTPC Detector	Stage-2	K1.8BR		Le Diberder, Ohnishi, Adachi, Tamura
P73	Yue Ma	RIKEN	^3H and ^4H mesonic weak decay lifetime measurement with $^{34}\text{He}(K, \pi)^{34}\text{H}$ reaction	Deferred PAC asks to provide a proposal for a pilot experiment.	K1.8BR		Thomas, Pochodzalla, Aoi, Xu
P74	A.Felcicello	INFN, Torino	Direct measurement of the 3AH and 4AH lifetimes using the $^{34}\text{He}(n, K)^{34}\text{H}$ reactions	Deferred Decision of P74 proposal is after P73 pilot run.	K1.1		Thomas, Pochodzalla, Aoi, Xu
P75	H.Fujioka	Tokyo Inst. Tech,	Decay Pion Spectroscopy of 5AH Produced by Ξ -hypernuclear Decay	Deferred PAC encourages the proponent to update the proposal for a stage-1 approval. The requested beam time should be finally revised, taking into account the data taken by E70.	K1.8		Ohnishi, Pochodzalla, Aoi, Kuze

Stage 1/2 granted PAC28 presentation PAC28 judgement
Approved test exp. finished or not considered to be done in near future